

CLAIMS

1. A support beam for use in an easily polymerizeable substance treatment apparatus for treating easily polymerizeable substances, the support beam being for supporting or reinforcing an internal provided in the easily polymerizeable substance treatment apparatus; comprising:

an internal mounting portion to which the internal is attached, and a folded-back portion at which the internal mounting portion is folded back so that at least part of the folded-back portion is inclined downward when approaching an end thereof.

2. The support beam for an easily polymerizeable substance treatment apparatus according to claim 1, wherein the easily polymerizeable substance is at least one kind selected from (meth)acrolein, (meth)acrylic acid and (meth)acrylic acid esters.

3. The support beam for an easily polymerizeable substance treatment apparatus according to claim 1, wherein an angle α formed by the folded-back portion and the internal mounting portion is $0^\circ < \alpha < 90^\circ$.

4. The support beam for an easily polymerizeable substance treatment apparatus according to claim 1, wherein an angle α formed by the folded-back portion and the internal mounting portion is $10^\circ \leq \alpha \leq 45^\circ$.

5. The support beam for an easily polymerizeable substance treatment apparatus according to claim 1, wherein a material of the support beam is stainless steel.
6. An easily polymerizeable substance treatment apparatus, comprising: an internal provided in the easily polymerizeable substance treatment apparatus, and a support beam that supports or reinforces the internal; the support beam having an internal mounting portion to which the internal is attached, and a folded-back portion at which the internal mounting portion is folded back so that at least part of the folded-back portion is inclined downward when approaching an end thereof.
7. The easily polymerizeable substance treatment apparatus according to claim 6, wherein the easily polymerizeable substance is at least one kind selected from (meth)acrolein, (meth)acrylic acid and (meth)acrylic acid esters.
8. The easily polymerizeable substance treatment apparatus according to claim 6, wherein an angle α formed by the folded-back portion and the internal mounting portion is $0^\circ < \alpha < 90^\circ$.
9. The easily polymerizeable substance treatment apparatus according to claim 6, wherein an angle α formed by the folded-back portion and the internal mounting portion is $10^\circ \leq \alpha \leq 45^\circ$.

10. The easily polymerizeable substance treatment apparatus according to claim 6, wherein a material of the support beam is stainless steel.

11. The easily polymerizeable substance treatment apparatus according to claim 6, wherein the apparatus carries out treatment in which an easily polymerizeable substance is distilled or absorbed.